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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. BB1465 US NA

First Inventor EDGAR B. CAHOON

Title A CYTOCHROME P450 ENZYME ASSOCIATED WITH THE
SYNTHESIS OF Δ12-EPOXY GROUPS IN FATTY ACIDS OF
PLANTS

Express Mail Label No. ET511105439US

J1046 U.S. PTO
07/20/01COPY OF PAPERS
ORIGINALLY FILEDSEARCHED _____
INDEXED _____
MAILED _____
FILED _____
RECEIVED _____
JULY 20 2001**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 41]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
- Oath or Declaration [Total Pages]
 a. Newly executed (original or copy)
 b. Copy from a prior application (37 CFR 1.63 (d))
 (for a continuation/divisional with Box 18 completed)
 i. **DELETION OF INVENTOR(S)**
 Signed statement attached deleting inventor(s)
 named in the prior application, see 37 CFR
 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper total of 5 pages
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 C.F.R. §3.73(b) Statement Power of Attorney (when there is an assignee)
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: fee transmittal

18. If a CONTINUATING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No: 60 / 219833 filed 7/21/2000

Prior application information: Examiner unknown Group / Art Unit: unknown

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label

23906

PATENT TRADEMARK OFFICE

or Correspondence address below

Name				
Address				
City	State		Zip Code	
Country	Telephone		Fax	
Name (Print/Type)	Lynne M. Christenbury		Registration No. (Attorney/Agent)	30,971
Signature	<i>Lynne M. Christenbury</i>		Date	July 20, 2001

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 1250)

Complete if Known	
Application Number	unknown
Filing Date	concurrently herewith
First Named Inventor	Edgar B. Cahoon
Examiner Name	unknown
Group / Art Unit	unknown
Attorney Docket No.	BB1465 US NA

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																																																															
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number 04-1928</p> <p>Deposit Account Name E. I. du Pont de Nemours and Company</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>				<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th colspan="2"></th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td colspan="2">Surcharge - late filing fee or oath</td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td colspan="2">Surcharge - late provisional filing fee or cover sheet</td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td colspan="2">Non-English specification</td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td colspan="2">For filing a request for reexamination</td> </tr> <tr> <td>112</td> <td>920*</td> <td>112</td> <td>920*</td> <td colspan="2">Requesting publication of SIR prior to Examiner action</td> </tr> <tr> <td>113</td> <td>1,840*</td> <td>113</td> <td>1,840*</td> <td colspan="2">Requesting publication of SIR after Examiner action</td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td colspan="2">Extension for reply within first month</td> </tr> <tr> <td>116</td> <td>390</td> <td>216</td> <td>195</td> <td colspan="2">Extension for reply within second month</td> </tr> <tr> <td>117</td> <td>890</td> <td>217</td> <td>445</td> <td colspan="2">Extension for reply within third month</td> </tr> <tr> <td>118</td> <td>1,390</td> <td>218</td> <td>695</td> <td colspan="2">Extension for reply within fourth month</td> </tr> <tr> <td>128</td> <td>1,890</td> <td>228</td> <td>945</td> <td colspan="2">Extension for reply within fifth month</td> </tr> <tr> <td>119</td> <td>310</td> <td>219</td> <td>155</td> <td colspan="2">Notice of Appeal</td> </tr> <tr> <td>120</td> <td>310</td> <td>220</td> <td>155</td> <td colspan="2">Filing a brief in support of an appeal</td> </tr> <tr> <td>121</td> <td>270</td> <td>221</td> <td>135</td> <td colspan="2">Request for oral hearing</td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510</td> <td colspan="2">Petition to institute a public use proceeding</td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td colspan="2">Petition to revive – unavoidable</td> </tr> <tr> <td>141</td> <td>1,240</td> <td>241</td> <td>620</td> <td colspan="2">Petition to revive – unintentional</td> </tr> <tr> <td>142</td> <td>1,240</td> <td>242</td> <td>620</td> <td colspan="2">Utility issue fee (or reissue)</td> </tr> <tr> <td>143</td> <td>440</td> <td>243</td> <td>220</td> <td colspan="2">Design issue fee</td> </tr> <tr> <td>144</td> <td>600</td> <td>244</td> <td>300</td> <td colspan="2">Plant issue fee</td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td colspan="2">Petitions to the Commissioner</td> </tr> <tr> <td>123</td> <td>130</td> <td>123</td> <td>130</td> <td colspan="2">Petitions related to provisional applications</td> </tr> <tr> <td>126</td> <td>180</td> <td>126</td> <td>180</td> <td colspan="2">Submission of Information Disclosure Stmt</td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40</td> <td colspan="2">Recording each patent assignment per property (times number of properties)</td> </tr> <tr> <td>146</td> <td>710</td> <td>246</td> <td>355</td> <td colspan="2">Filing a submission after final rejection (37 CFR § 1.129(a))</td> </tr> <tr> <td>149</td> <td>710</td> <td>249</td> <td>355</td> <td colspan="2">For each additional invention to be examined (37 CFR § 1.129(b))</td> </tr> <tr> <td>179</td> <td>710</td> <td>279</td> <td>355</td> <td colspan="2">Request for Continued Examination (RCE)</td> </tr> <tr> <td>169</td> <td>900</td> <td>169</td> <td>900</td> <td colspan="2">Request for expedited examination of a design application</td> </tr> <tr> <td colspan="4">Other fee (specify)</td> <td colspan="2">SUBTOTAL (3) (\$ 0)</td> </tr> <tr> <td colspan="4">*Reduced by Basic Filing Fee Paid</td> <td colspan="2">SUBTOTAL (3) (\$ 0)</td> </tr> </tbody> </table>				Large Entity	Small Entity			Fee Code	Fee (\$)	Fee Code	Fee (\$)	105	130	205	65	Surcharge - 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SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Lynne M. Christenbury	Registration No. Attorney/Agent)	30,971	Telephone	302-992-5481
Signature	<i>Lynne M. Christenbury</i>			Date	July 20, 2001

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